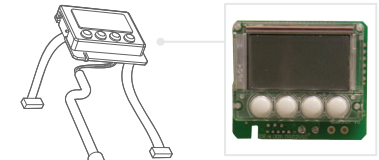
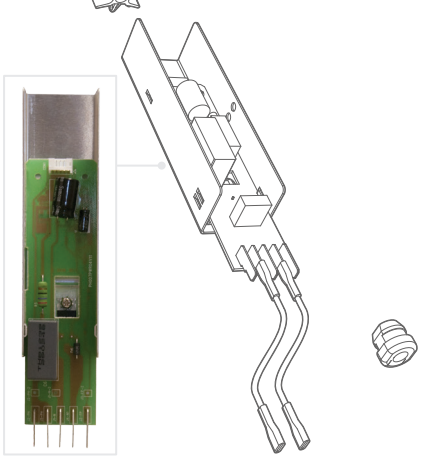
PCCV26SETD





ELECTRONIC CONTROLLER KIT FOR ELECTRIC HEATING EMITTERS

Logic and power module with temperature sensor and occupancy detection connection

Overview

Main features

- Ambient temperature control
- Desired temperature setting
- Power On / Standby
- Operating modes selection
- Programming integrated or can be programmed remotely using a 6-order pilot wire

Application

- Electric radiator with fluid or dry inertia
- Electric radiant panel heater

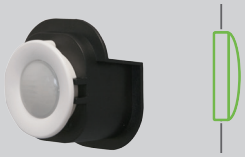
Benefits

- Cable lengths, connections, mounting system and accessories optimized for fast and secure integration kit
- **Backlit screen:** easy to read
- **"Smart" electronic control:** this means stable and accurate temperature in the room all year round
- **Energy Saving Pack**
- **Active memory:** clock and settings are saved by EEPROM in case the mains power supply goes off
- **Anti tearing System:** accessories included with the kit help ensure the resistance of cables (temperature sensor and power cable) against pulling, and also to seal these cable entries

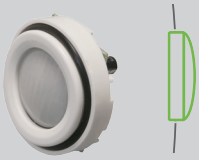
Functional specifications

Use

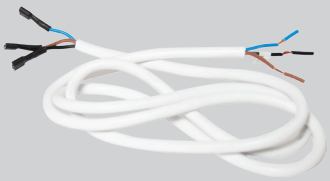
Energy consumption gauge	Automatic indication of the level of energy consumption according to the setting temperature
Power consumption indication in kWh	Posting of the estimated amount of energy consumed in kWh since the last reset to 0 of the energy meter
Opened window detection	Automatic switching to Frost protection mode when a significant drop in temperature is detected
Occupancy detection (optional)	During an unoccupied period, the setting temperature is automatically and progressively decreased
7 day and daly programme	**Five different pre-set program profiles for each day of the week:** P1, P2, P3, non-stop Comfort Mode, non-stop Eco (economy) Mode Mode P1, P2 and P3 can be customised Manual and temporary overriding of a programme.
Operating modes	Auto (Programming), Comfort, Eco (Economy), Frost protection, Standby mode
Desired temperature setting	Preset at 19°C, adjustable from +7°C to+30°C
Help for the visually impaired	- **The button power on/standby mode is in relief** to be easily identifiable to the touch - **Audible beeps** indicating the change from the standby mode to active mode
Safety	- **Child anti-tamper** keypad locking - **Settings safety:** - Min. and Max limits of the adjustment range of the Comfort setting temperature - Customizable PIN code locking (prevents access to the Comfort mode, advanced and expert settings) - **Backup in case the mains power supply goes off :** - The whole of settings and programming : permanent backup - Current time and date : backup time of 16hrs typical - **Internal protection against any overheating**



Ref. : **PCCPIRSET1A**
Mounting kit occupancy detection (PIR), for straight metal sheet with a thickness of 1.2mm (typical)



Ref. : **PCCPIRSET2A**
Mounting kit occupancy detection (PIR), for curve metal sheet with a thickness of 1.2mm (typical)



Ref. : **PCCPC2135A**
Power cord, class II, 1350 mm, with 6-orders pilot wire

Advanced settings

Min. setpoint temperature	**Preset to +7°C,** adjustable from +7°C to +15°C
Max. setpoint temperature	**Preset to +30°C,** adjustable from +19°C to +30°C
Eco mode temperature lowering level	**Preset to -3,5°C,** adjustable from -1°C to -8°C
Frost protection temperature	**Preset to +7°C,** adjustable from +5°C to +15°C
Occupancy detection	**Enabled by default,** can be disabled
Automatic Window-opening detection	**Enabled by default** can be disabled
Backlighting	**3 settings:** **- Temporary backlighting 1 (default setting):** backlight of the screen when a button is pressed or during occupancy detection **- Temporary backlighting 2:** backlight of the screen when a button is pressed **- Non-stop backlighting:** backlight of the screen all the time
PIN code locking	Initialization - Customization - Activation and deactivation

Expert settings

Temperature adjustment	Ambient sensor adjustment

Technical specifications

Power supply

Operating voltage	230V AC+/-10% 50Hz
Maximum power	2000W, resistive load
Cable length	- Between power module et logic module : 210 mm approximately - Between power module and cartridge heater : 395 mm approximately - Connection to occupancy detection (PIR module) : 112,5 mm approximately - Between logic module and temperature sensor : 600mm approximately

Control

Control type	Electronic TPI (Time Proportional and Integral) control, triggered by a triac

Environment

Operating temperature	0°C to +60°C
Temperature setting range	+7°C to +30°C
Storage temperature	-20°C to +70°C
NTCelectronic temperature sensor	

Applicable directives

ECM	2014/30/EU
LVD	2014/35/EU
RoHS	2011/65/EU

Applicable standards

ECM	EN55014-1 ; EN55014-2 ; EN61000-3-2 ; EN61000-3-3
LVD	EN60335-1 ; EN60335-2-30 ; EN62233
RoHS	EN50581
Manufacturing	On certified site ISO 9001 V2008

Product code

Code	Description
PCCV26SETD	Electronic controller kit for electric heating emitters

Product customization (style, features) possible on request. Please contact us.

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